

Title (en)
REGIOSELECTIVE SUBSTITUTIONS IN CYCLODEXTRINS

Title (de)
REGIOSELEKTIVE SUBSTITUTIONEN VON CYCLODEXTRINEN

Title (fr)
SUBSTITUTIONS SELECTIVES PAR REGION DANS DES CYCLODEXTRINES

Publication
EP 0465535 B1 19980603 (EN)

Application
EP 90905461 A 19900330

Priority

- EP 9000524 W 19900330
- US 33260689 A 19890403

Abstract (en)
[origin: WO9012035A1] A process for preparing regiospecifically hydroxyalkylated alpha -, beta - or gamma -cyclodextrins wherein the substitution is either directed toward hydroxyls 2 or 2,3 of the glucose units with little substitution on hydroxyl 6 or toward hydroxyls 6 and with little substitution on the secondary hydroxyls. The regiospecificity is obtained through the proper control of basicity of the reaction mixtures which are comprised of epoxide and cyclodextrins and a suitable solvent.

IPC 1-7
C08B 37/16

IPC 8 full level
C08B 37/16 (2006.01)

CPC (source: EP KR)
C08B 37/0012 (2013.01 - EP KR)

Citation (examination)

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- EP 0146841 A2 19850703 - HOECHST AG [DE]
- US 4727064 A 19880223 - PITHA JOSEF [US]
- US 3459731 A 19690805 - GRAMERA ROBERT E, et al
- Int. J. Parm. 29 (1986) 73-82
- Pharm. Res. 5[11] (1988) 713-7
- Recl. Trav. Chim. Pays-Bas 96 (1977) 25-30

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AT BE CH DE DK ES FR GB IT LI LU NL SE

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WO 9012035 A1 19901018; AT E166884 T1 19980615; AU 5358790 A 19901105; AU 631628 B2 19921203; CA 2047726 A1 19901004; CA 2047726 C 20010417; DE 69032370 D1 19980709; DE 69032370 T2 19981029; DK 0465535 T3 19990301; EP 0465535 A1 19920115; EP 0465535 B1 19980603; ES 2116982 T3 19980801; FI 101385 B1 19980615; FI 101385 B 19980615; FI 914620 A0 19911002; HK 1009335 A1 19990528; HU 902934 D0 19911230; HU T58770 A 19920330; JP 2792610 B2 19980903; JP H04504275 A 19920730; KR 0163440 B1 19981116; KR 920701258 A 19920811; NO 304269 B1 19981123; NO 913871 D0 19911002; NO 913871 L 19911002

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